



SEVERE WEATHER BULLETIN #15

FOR: TYPHOON "BISING" (SURIGAE)

TROPICAL CYCLONE: WARNING

Issued at 5:00 AM, 20 April 2021

(Valid for broadcast until the next bulletin to be issued at 11 AM today)

TYPHOON "BISING" FURTHER WEAKENS AS IT CONTINUES TO MOVE SLOWLY NORTHWARD.

Hazards affecting land areas

Heavy Rainfall

- Today (20 April), heavy to intense rains will be experienced over Catanduanes. Moderate to heavy rains over the eastern portion of Camarines Sur and Rapu-Rapu Islands. Under these conditions and considering the antecedent rainfall over the aforementioned areas, flooding (including flashfloods) and rain-induced landslides are highly likely to occur especially in areas identified in hazard maps as highly or very highly susceptible to these hazards.
- PAGASA Regional Services Divisions may issue local thunderstorm/rainfall advisories and heavy rainfall warnings while the Hydrometeorology Division and River Basin Flood Forecasting and Warning Centers may issue General Flood Advisories and Basin Flood Bulletins as appropriate.

Severe Winds:

- Tropical cyclone winds of at least strong breeze to near gale in strength extend outward up to 500 km from the center of the typhoon. Destructive typhoon-force winds extend outward up to 110 km from the center of the typhoon.
- Considering the uncertainty in the projected path of the typhoon over the next 48 hours, the possibility of hoisting Tropical Cyclone Wind Signal #2 over some areas in the eastern portion of Cagayan and Isabela is not ruled out at this time.
- In the next 24 hours, the northeasterly wind flow enhanced by the typhoon will also bring strong breeze to near gale conditions with higher gusts over the rest of Northern Luzon and the rest of Aurora and Quezon that are not under any Tropical Cyclone Wind Signal (TCWS). Such conditions are more likely to occur in the coastal and mountainous areas.

Hazards affecting coastal waters

In the next 24 hours, under the influence of Typhoon "BISING" and an enhanced northeasterly wind flow, the following sea conditions will be experienced over the coastal waters of the country:

- Very rough to high seas over the northern and eastern seaboard of Luzon (4.5 to 10.0 m), and rough to high seas over the northern and eastern seaboard of Eastern Visayas (3.0 to 7.0 m) Sea travel is risky for all types of seacrafts over these waters.
- Rough to very rough seas over the northern and western seaboard of Northern Luzon (2.8 to 4.5 m), and rough seas over the eastern seaboard of Caraga and Davao Oriental and the remaining seaboard of areas under TCWS (2.5 to 4.0 m) Sea travel is risky for small seacrafts over these waters. Mariners without the proper experience should immediately seek safe harbor.
- Moderate to rough seas over the western seaboard of Central Luzon (1.2 to 3.0 m). Mariners of small seacrafts are advised not to venture out over these waters. Inexperienced mariners of these vessels should avoid navigating in these conditions.

Track and Intensity Outlook

- On the forecast track, Typhoon "BISING" will move generally northward or north northwestward until tomorrow evening (21 April) or Thursday (22 April) early morning. Afterwards, the typhoon will move northeastward from the landmass of Luzon throughout Thursday and east northeastward on Friday (23 April) and Saturday (24 April). The typhoon is projected to exit the Philippine Area of Responsibility on Sunday (25 April)
- "BISING" is forecast to gradually weaken throughout the forecast period and may be downgraded to severe tropical storm by Saturday evening or Sunday early morning.

Prepared by:


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Location of eye/center	At 4:00 AM today, the center of the eye of Typhoon "BISING" was located based on all available data at 505 km East of Infanta, Quezon (15.2°N, 126.3°E) .	<p style="text-align: center;">Track of Typhoon "BISING" {SURIGAE}</p> <p style="text-align: center; font-size: small;">Philippine Atmospheric Geophysical and Astronomical Services Administration</p>
Strength	Maximum sustained winds of 175 km/h near the center and gustiness of up to 215 km/h .	
Movement	Moving Northward Slowly	
Forecast Positions	<ul style="list-style-type: none"> • 24 Hour (Tomorrow morning): 375 km East of Casiguran, Aurora (16.7°N, 125.6°E) • 48 Hour (Thursday morning): 305 km East of Aparri, Cagayan (18.5°N, 124.5°E) • 72 Hour (Friday morning): 380 km East of Basco, Batanes (20.5°N, 125.6°E) • 96 Hour (Saturday morning): 855 km East Northeast of Extreme Northern Luzon (22.3°N, 130.0°E) • 120 Hour (Sunday morning): 1,410 km East Northeast of Extreme Northern Luzon (OUTSIDE PAR) (22.7°N, 135.4°E) 	

TROPICAL CYCLONE WIND SIGNAL

TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
2 (61-120 km/h winds prevailing or expected in 24 hours)	Catanduanes, the eastern portion of Camarines Sur (Sagnay, San Jose, Lagonoy, Garchitorena, Presentacion, Caramoan), and the northeastern portion of Albay (Tiwi, Malinao, Tabaco City, Malilipot, Bacacay, Rapu-Rapu)	-	-	<ul style="list-style-type: none"> • Light to Moderate damage to high risk structures; • Very light to light damage to medium-risk structures; • No damage to very light damage to low risk structures • Unshielded, old dilapidated schoolhouses, makeshift shanties, and other structures of light materials are partially damaged or unroofed. • A number of nipa and cogon houses may be partially or totally unroofed. • Some old galvanized iron (G.I.) roofs may be peeled or blown off. • Some wooden, old electric posts are tilted or downed. • Some damage to poorly constructed signs/billboards • In general, the winds may bring light to moderate damage to the exposed communities. Most banana plants, a few mango trees, ipil-ipil and similar types of trees are downed or broken. • Some coconut trees may be tilted with few others broken. • Rice and corn may be adversely affected. • Considerable damage to shrubbery and trees with some heavy-foliaged trees blown down.

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TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
1 (30-60 km/h winds prevailing or expected in 36 hours)	Batanes, Cagayan including Babuyan Islands, Isabela, Quirino, Apayao, the eastern portion of Kalinga (Pinukpuk, Rizal, Tabuk City), the extreme eastern portion of Mountain Province (Paracelis), the extreme eastern portion of Ifugao (Alfonso Lista), the northern portion of Aurora (Baler, Dipaculao, Dinalungan, Casiguran, Dilasag), the eastern portion of Quezon (Calauag, Guinayangan, Tagkawayan, Buenavista, San Narciso, San Andres) including Polillo Islands, Camarines Norte, the rest of Camarines Sur, the rest of Albay, Sorsogon, and the northern portion of Masbate (Aroroy, Masbate City, Baleno, Mobo, Uson, Palanas, Dimasalang) including Burias and Ticao Islands	Northern Samar, the northern portion of Samar (Tagapul-An, Almagro, Santo Nino, Calbayog City, Santa Margarita, Gandara, Pagsanghan, Tarangnan, San Jorge, San Jose de Buan, Matuguinao), and the northern portion of Eastern Samar (Maslog, Can-Avid, Dolores, Oras, San Policarpo, Arteche, Jipapad)	-	<ul style="list-style-type: none"> • Very light or no damage to low risk structures, • Light damage to medium to high risk structures • Slight damage to some houses of very light materials or makeshift structures in exposed communities. Some banana plants are tilted, a few downed and leaves are generally damaged • Twigs of small trees may be broken. • Rice crops, however, may suffer significant damage when it is in its flowering stage.
	TCWS #1 in other areas is hereby lifted			
The public and the disaster risk reduction and management council concerned are advised to take appropriate actions and watch for the next Severe Weather Bulletin to be issued at 11 AM today.				

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